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CATALOGUE
OF THE
V U L T U R I D Æ
IN THE COLLECTION OF
THE ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA.
BY
JOHN CASSIN.

CLASS AVES.

I. Order RAPTORES.

I. Family VULTURIDÆ.

I. Subfamily VULTURINÆ.

1. Genus VULTUR, Linn.

1. VULTUR MONACHUS, Linn. *Syst. Nat.* i. p. 122. Gould, *B. of Eur.* pl. 2.
Vultur cinereus et cristatus, Gm. *Syst. Nat.* i. p. 247, 250.
Vultur vulgaris et chincou, Daudin. *Traité d'Orn.* ii. p. 12, 16.
Vultur arabicus, Briss. *Orn. vi. Supp.* p. 29. Edwards' *Birds.* pl. 290.

Vultur arrianus, Pic. *La Peyr. Zool. des Pyrénées.*

Vultur leporarius, Gesner.

Vultur niger et nigricans, Briss. *Brehm Vög. Deuts.* p. 9.

Vultur imperialis, Temm. *Pl. col.* 426.

Polypteryx cupido, Hodgson. Gray, *Zool. Misc.* 1844.

1. Adult, Moldavia, from the Rivoli collection.
2. middle age, Moldavia, from the same.
3. younger, Europe, from the same.
4. Adult, India, from Capt. Boys' collection.

2. VULTUR OCCIPITALIS, Burchell. *Trav. in South Africa*, ii. p. 310, 329. *Le Vaill. Ois. d'Afr.* pl. 12.

Vultur galericulatus, Temm. *Pl. col.* 13. Rüpp. *Atlas.* pl. 22.

- 1, 2. Adults, Cape of Good Hope, from the Rivoli collection.
3. younger, Africa, from the same.

2. Genus OTOGYPS, G. R. Gray.

1. OTOGYPS AURICULARIS, (Daud.) *Le Vaill. Ois. d'Afr.* pl. 9.

Vultur auricularis, Daudin, *Traité d'Orn.* ii. p. 10.

Vultur ægyptius, Temm. *Pl. col.* 407.

Vultur nubicus, Ham. Smith. Griffith's *Cuvier, Aves.* pl. 4.

- 1, 2. Adults, Cape of Good Hope, from the Rivoli collection.
3. younger, Africa, from the same.

2. OTOGYPS CALVUS, (Scop.) Gray, *Ill. Ind. Zoo.* pl. 15.

Vultur calvus, Scopoli. *Flora et Fauna Insubricæ.*

Vultur ponticerianus, Lath. *Ind. Orn.* i. p. 7. Daud. *Traité* ii. p. 11.

1. Adult, India, from the Rivoli collection.
2. Adult female, India, from Capt. Boys' collection.

II. Subfamily GYPINÆ.

1. Genus GYPS, Savigny.

1. GYPS FULVUS, (Gm.) Gould, *B. of Eur.* pl. 1. *Buffon. Pl. Enl.* 426.

Vultur fulvus, *Gmelin. Syst. Nat.* i. p. 249.

Vultur percnopterus, *Lath. Ind. Orn.* i. p. 2. (not Linn.)

Vultur leucocephalus, *Meyer. Taschen. Deut.* i. p. 7.

Vultur trincalos, *Bechstein. Nat. Deut.* ii. p. 479.

Vultur persicus, *Pallas. Zoog.* i. p. 377.

Vultur albicollis, *Lindermayer. Isis*, 1843, p. 324?

1. Adult, Europe, presented by A. L. Heerman, M. D.

2. middle age, Europe, from the Rivoli collection.

3, 4. Cape of Good Hope, from the same.

5. young, Cape of Good Hope, from the same.

6. Adult male, India, from Capt. Boys' collection.

7. Adult female, India, from the same.

Vultur indicus, *Temminck. Pl. col.* 26, (plate not text.)

8, 9. Adults? Cape of Good Hope? from the Rivoli collection.

10, 11. younger, Africa? from the same.

Vultur Kolbii, *Daudin. Traité d'Orn.* ii. p. 15.

12, 13. South Africa, from the Rivoli collection.

Gyps tenuirostris, *Hodgson. (ubi?) Gray's Genera*, pl. 3.?

14. India, from the Rivoli collection.

15. young female. ———?

2. GYPS BENGALENSIS, (Gm.) Gray, *Ill. Ind. Zoo.* pl. 14, 15.

Vultur bengalensis, *Gm. Syst. Nat.* i. p. 245.

Vultur chaugoun, *Daud. Traité d'Orn.* ii. p. 14. *Le Vaill. Ois. d'Afr.* pl. 11.

Vultur leuconotus, *Gray. Ill. Ind. Zoo.* pl. 15.

Vultur indicus, *Lath. Ind. Orn.* i. p. 7?

1. Adult male, Pondicherry, from the Rivoli collection.

2. Adult, India, from the same.

3, 4, 5. younger, India, from the same.

III. Subfamily GYPÆTINÆ.

1. Genus GYPÆTOS, Storr.

1. GYPÆTOS BARBATUS, (Linn.) Gould, *B. of Eur.* pl. 4. *Gray's Genera*, pl. 1.

Vultur barbatus, *Linn. Syst. Nat.* i. p. 123.

Vultur niger et barbarus, *Gm. Syst. Nat.* i. p. 248, 250.

Falco barbatus et magnus, *Gm. Syst. Nat.* i. p. 252.

Vultur alpinus, *Briss. Orn.* i. p. 464.

Vultur aureus, *Gesner*.

Vultur bæticus, *Aldrovandus*.

Gypaëtos grandis, *Storr*.

Gypaëtos castaneus, *Daud. Traité d'Orn.* ii. p. 26.

Gypaëtos leucocephalus et *melanocephalus*, *Meyer. Tasch. deuts. Vög.* i. p. 9, 10.

Gypaëtos Hemachalanus, *Hutton. Jour. As. Soc. Beng.* 1838, p. 22.?

Gypaëtus meridionalis, *Blasius. Rüpp. Uebersicht.* pl. 1.?

Phene ossifraga et *gigantea*, *Savigny*.

1. Adult, Europe, from the Rivoli collection.
- 2, 3. young, Europe, from the same.
4. *G. meridionalis*, Blas. Adult, Northern Africa, from M. Rüppell's collection. Presented by J. E. Holbrook, M. D.
5. *G. hemachalanus*, Hutton? Adult male, India, from Capt. Boys' collection.
6. the same. Adult female, India, from the same.

IV. Subfamily NEOPHRINÆ.

1. Genus NEOPHRON, Savigny.

1. NEOPHRON PERCNOPTERUS, (Linn.) *Selby, Brit. Orn.* pl. A. *Gould. B. of Eur.* pl. 14.

Vultur percnopterus, *Linn. Syst. Nat.* i. p. 123.

Vultur fuscus, *Gm. Syst. Nat.* i. p. 248.

Vultur leucocephalus et *ægyptius*, *Briss. Orn.* i. p. 457, 465.

Vultur ginginianus, *Daud.* ii. p. 20, 21.

Vultur meleagris, *Pallas*.

Vultur stercorarius, *Lu Peyrouse*.

Percnopterus ægyptiacus, *Stephens. Gen. Zoo.* xiii.

- 1, 2. Adult, Africa, from the Rivoli collection.
3. Adult, Abyssinia, from M. Rüppell's collection. Presented by J. E. Holbrook, M. D.
- 4, 5. young, Europe, from the Rivoli collection.
6. young, Europe?

2. NEOPHRON PILEATUS, (Burch.) *Temm. Pl. col.* 222.

Vultur pileatus, *Burchell. Trav. S. Afr.* p. 195.

Cathartes monachus, *Temm. Pl. col.* 222.

Percnopterus niger, *Lesson. Traité d'Orn.* i. p. 29.

Neophron carunculatus, *A. Smith. S. Afr. Quar. Jour.* ii. p. 253?

- 1, 2. Adult females, Africa, from the Rivoli collection.
3. young male, Country of the Ashantees, Western Africa.

2. Genus GYPOHIERAX, Rüppell.

1. GYPOHIERAX ANGOLENSIS, (Gm.) *Gray's Genera*, pl. 4. *Jard. & Selby. Ill. N. S.* pl. 13.

Falco angolensis, *Gmelin. Syst. Nat.* i. p. 252.

Polyborus? hypoleucus, *Bennett. Proc. Zoo. Soc. Lond.* 1830, p. 13.

1. Male, nearly adult, Rio de Bontry, coast of Guinea.

2. Adult female, Western Africa, from the Rivoli collection.

V. Subfamily *SARCORAMPHINÆ*.

1. Genus *SARCORAMPHUS*, Dumeril.

1. *SARCORAMPHUS GRYPHUS*, (Linn.) *Temm. Pl. col.* 133, 408, 494.

Vultur gryphus, *Linn. Syst. Nat.* i. p. 121.

Vultur magellanicus, *Shaw. Mus. Leverianum.* pl. 1.

Vultur Condor, *Shaw. Gen. Zool.* i. p. 2.

1. Adult male, South America, from the Rivoli collection.

2. Adult male, South America.

3. Adult female? South America, from the Rivoli collection.

4. young male, Peru, from Dr. J. K. Townsend's collection.

5, 6. young, from the Rivoli collection.

2. *SARCORAMPHUS PAPA*, (Linn.) *Buff. Pl. Enl.* 428. *Vieill. Gal.* pl. 3.

Vultur papa, *Linn. Syst. Nat.* i. p. 122.

Vultur sacra, *Bartram. Travels*, p. 289. *Lath. Gen. Hist.* i. p. 11?

Vultur monachus, *Klein.*

Vultur elegans, *Gerini.*

1. Adult male, South America, from the Rivoli collection.

2. Adult female, Peru. Presented by W. S. W. Ruschenberger, M. D., U. S. Navy.

2. Genus *CATHARTES*, Illiger.

1. *CATHARTES CALIFORNIANUS*, (Shaw.) *Aud. B. of Am.* pl. 411. *Gray's Genera*, pl. 2.

Vultur californianus, *Shaw. Nat. Misc.* ix. pl. 301.

Cathartes vulturinus, *Temm. Pl. col.* 51.

1. Adult, California.

2. *CATHARTES JOTA*, (Mol.) *Aud. B. of Am.* pl. 106. *Wilson. Am. Orn.* pl. 75, fig. 2.

Vultur jota, *Molina. Saggio sulla Storia Naturale del Chili.*

Vultur urubu, *Vieill. Ois. de l'Am. Sept.* pl. 2.

Vultur atratus, *Bartram. Trav.* p. 289.

Vultur fætens, *Illiger. (Auct.) ubi?*

"*Vultur aura*, *Linn.*" *Vieill. Ois. de l'Am. Sept.* i. p. 23.

"*Cathartes aura*," *Spix. Av. Bras.* i. p. 2.

1. Adult, Florida. Presented by Thos. McEuen, M. D.
 2. Adult female, United States. Presented by Mr. J. J. Audubon.
 3. Adult, South America? from the Rivoli collection.
 4. nearly adult, South America, from the same.
3. CATHARTES AURA, (Linn.) *Aud. B. of Am.* pl. 151. *Wilson, Am. Orn.* pl. 75, fig. 1.
Vultur aura, *Linn. Syst. Nat.* i. p. 122.
Vultur brasiliensis, *Briss. Orn.* i. p. 468. *Sloane's Jamaica*, pl. 254.
Cathartes ruficollis, *Spix. Av. Bras.* i. p. 2. *Catesby's Carolina*, pl. 6.
Cathartes septentrionalis, *De Wied. Tschudi, Faun. Peruana. Orn.* p. 74.
1. Adult male, Florida. Presented by Thos. McEuen, M. D.
 2. Adult, United States,
 3. younger, from the Rivoli collection.
 4. chick, South America ?
4. CATHARTES BURROVIANUS, Cassin. *Proc. Acad. Nat. Sci. Philada.* ii. p. 212, (*March*, 1845.)
1. Adult, South America? from the Rivoli collection.
 2. younger, Mexico. Presented by Marmaduke Burrough, M. D.